

SWBAT: describe charged objects

Jan 4-7:20 AM

Welcome!!!

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SECA Physics
Thursday 29 January 2015

* Pick up:

- slip of paper (for later)
- get a laptop and get logged in
- notebook?



Opening question:

What are some places you have encountered static electricity?

HAIR - PUTTING ON COAT
RUBBING BALLOON - STICK
SOCKS ETC. IN DRYER
SLIDES

Make-up
work?

Centering

Sep 7-7:04 AM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

Reminder:

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

Conservation of Charge

means that the total charge STAYS the SAME

ON OUTSIDE = MOVEABLE

ELECTRONS are only **transferred**

you can't just get more charge from nothing

PVC and wool

Three ways to "charge" something:

- Friction = rubbing
- Contact = transfer by touching (but no rubbing) **SHOCK**
- Induction = electrons rearranging on a conductor because of nearby charges

Feb 3-7:13 AM

Ever rubbed a balloon on your head and stuck it to the wall?
HERE'S HOW IT WORKS!

- *Check out a computer
- *Log in: You should know your student login!
Partners? Then 1 reader/recorder & 1 computer operator
- *Google "phet balloons" & pick 1st choice
- *Work your way through the packet

Catchy Physics Phrases

Opposite charges attract;
like charges repel.

Feb 3-7:31 AM

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CP Hmwk: Come up with a catchy way to remember what friction, contact, and induction mean.

You can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. What type of charge did the balloon get after it was rubbed on the sweater (positive, negative, or neutral)? (#3)

2. What force did the balloon feel near the sweater? (#6)

- A) attracted
- B) repelled
- C) no force

3. What type of charging is it when the balloon is **rubbed** against the sweater? (#5)

- A) Induction
- B) Contact
- C) Friction

Feb 1-7:52 AM